

**IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE**

PATENT APPLICATION

Srinivas Bangalore
Giuseppe Riccardi

Docket No.	113256CON-1	Parent:	
Serial No.	Not Yet Assigned	Serial No.	09/912,461
Filed	Herewith	Group Art Unit.	2654
Examiner		Examiner	P. Edouard
		Allowed	July 15, 2003
Title	Automatic Clustering Of Tokens From A Corpus For Grammar Acquisition		

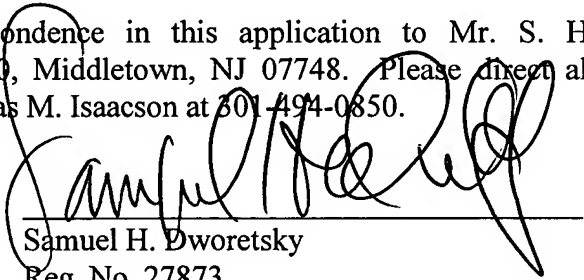
**ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D. C. 20231**

SIR:

**APPOINTMENT OF ASSOCIATE ATTORNEY AND CHANGE OF
CORRESPONDENCE ADDRESS**

Please recognize Thomas M. Isaacson (Reg. No. 44166) as associate attorney in the above-mentioned application, with full power to prosecute said application, to make alterations and amendments therein, and to transact all business in the Patent and Trademark Office connected therewith. Please also recognize any of the attorneys associated with Customer Number 26652 of AT&T Corp., Middletown, New Jersey, with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all written correspondence in this application to Mr. S. H. Dworetsky, AT&T Corp., P.O. Box 4110, Middletown, NJ 07748. Please direct all telephone calls in this application to Thomas M. Isaacson at 301-494-0850.



Samuel H. Dworetsky
Reg. No. 27873
Attorney for Applicants

Date: September 2, 2003
AT&T Corp.
P. O. Box 4110
Middletown, New Jersey 07748

**IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE**

Declaration and Power of Attorney

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **AUTOMATIC CLUSTERING OF TOKENS FROM A CORPUS FOR GRAMMAR ACQUISITION**, which was filed December 7, 1998 and issued Serial No. 09/207,326.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventors' certificate listed below and have also identified below any foreign application for patent or inventors' certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, we acknowledge the duty to disclose all information known to us to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the

like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Samuel H. Dworetsky (Reg. No. 27873)
Thomas A. Restaino (Reg. No. 33444)
Cedric G. DeLaCruz (Reg. No. 36498)
Michele L. Conover (Reg. No. 34962)
Rohini K. Garg (Reg. No. 45272)
Benjamin S. Lee (Reg. No. 42787)
Robert B. Levy (Reg. No. 28234)
Susan E. McHale (Reg. No. 35948)
Alfred G. Steinmetz (Reg. No. 22971)

I also appoint Frank Pietrantonio (Reg. No. 32289) and Robert L. Hails (Reg. No. 39,702) of Kenyon & Kenyon as associate attorneys, with full power to prosecute said application, to make alterations and amendments therein, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Please address all correspondence to Mr. Frank Pietrantonio, Kenyon & Kenyon, Suite 700, 1500 K Street NW, Washington, D.C. 20005. Telephone calls should be made to Robert L. Hails by dialing 202-220-4200.

Full name of 1st joint inventor: Srinivas BANGALORE

Inventor's signature

Srinivas Bangalore Date 3/22/2000

Residence: Hackettstown, Warren County, New Jersey

Citizenship: India

Post Office Address: 547 Mansfield Village, Hackettstown, New Jersey 07840

DOCKET NO.
2685/113256

Full name of 2nd joint inventor: Giuseppe RICCARDI

Inventor's signature Giuseppe Riccardi Date 3/22/2000

Residence: Hoboken, Hudson County, New Jersey

Citizenship: Italy

Post Office Address: 716 Hudson Street, Apt. 1C, Hoboken, New Jersey 07030

FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

RI

04-18-2000



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3 SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

2685/113256

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**Giuseppe RICCARDI
Srivivas BANGALORE**Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

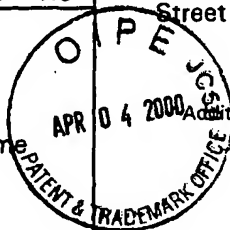
Name: **AT&T Corporation**

Internal Address:

Street Address: **32 Avenue of the Americas
New York, NY 10013-2412**

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Additional name(s) & address(es) attached? ☐ Yes ☒ NoExecution Date: **March 22, 2000**

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

09/207,326Additional numbers attached: ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

**Frank Pietrantonio
KENYON & KENYON
Suite 700
1500 K Street, NW
Washington, DC 20005**6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41).....\$40.00

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number:

11-0600

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.***Robert L. Hails (Reg. #39,702)**

Name of Person Signing

Signature**4/4/2000**

Date

Total number of pages comprising cover sheet: **4**

OMB No. 0651-0011 (exp. 4/94)



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

JUNE 13, 2000

PTAS



101324554A

KENYON & KENYON
FRANK PIETRANTONIO
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WASHINGTON, DC 20005

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/04/2000

REEL/FRAME: 010691/0842
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
RICCARDI, GIUSEPPE

DOC DATE: 03/22/2000

ASSIGNOR:
BANGALORE, SRIVIVAS

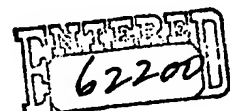
DOC DATE: 03/22/2000

ASSIGNEE:
AT&T CORPORATION
32 AVENUE OF THE AMERICAS
NEW YORK, NEW YORK 10013-2412

SERIAL NUMBER: 09207326
PATENT NUMBER:

FILING DATE: 12/07/1998
ISSUE DATE:

MARY BENTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



ASSIGNMENT AND AGREEMENT

For value received, we, Srinivas BANGALORE, of Hackettstown in the County of Warren and State of New Jersey, and Giuseppe RICCARDI, of Hoboken in the County of Hudson and State of New Jersey, hereby sell, assign and transfer to AT&T Corp., a corporation of the State of New York, having an office at 32 Avenue of the Americas, New York, New York 10013-2412, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **AUTOMATIC CLUSTERING OF TOKENS FROM A CORPUS FOR GRAMMAR ACQUISITION** described in an application for Letters Patent of the United States, filed December 7, 1998 and issued Serial No. 09/207,326, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to AT&T Corp. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize AT&T Corp. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Corp. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to AT&T Corp. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Corp. may designate.

We agree that, when requested, we shall, without charge to AT&T Corp. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Srivivas Bangalore
Srivivas BANGALORE

Date: 3/22/2010

United States of America)

State of New Jersey)ss:

County of Morris County)

On this 22 day of March, 2010, before me personally came Srivivas BANGALORE, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Maween Hone - Sara
Notary Public

Giuseppe Riccardi
Giuseppe RICCARDI

Date: 3/22/2000

United States of America)

State of New Jersey)ss:

County of Morris County)

On this 22 day of March, 2000, before me personally came Giuseppe RICCARDI, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Maureen Kane - Jane
Notary Public